Design & Technology:

PCIe SSD for High-Performance Consumer Applications

The OCZ RevoDrive makes fast, faster with an innovative performance design that pushes the envelope in solid state technology and leaves hard drives in the dust. Moving beyond the bottleneck of the SATA interface, the RevoDrive features a PCIe interface to deliver superior performance. Designed for high-performance gaming PCs and workstations, the RevoDrive dominates thanks to the unique capability to run both Windows and your essential applications and games. With speeds up to 540MBps and 75,000 IOPS, this bootable PCI-Express SSD not only provides a more responsive PC experience, but promotes cooler, quieter, and more energy efficient conditions compared to traditional mechanical hard drives. The RevoDrive can accommodate a wide range of computing environments such as video-editing and other multi-media creation and management, all while providing the superior durability and reliability of SSDs.

Applications:

- ✓ Workstation PCs
- ✓ Desktop PCs

	Part Numbers	UPC
RevoDrive 50GB	OCZSSDPX-1RVD0050	842024018360
RevoDrive 80GB	OCZSSDPX-1RVD0080	842024019732
RevoDrive 120GB	OCZSSDPX-1RVD0120	842024018377
RevoDrive 180GB	OCZSSDPX-1RVD0180	842024019749
RevoDrive 240GB	OCZSSDPX-1RVD0240	842024018384
RevoDrive 360GB	OCZSSDPX-1RVD0360	842024019756
RevoDrive 480GB	OCZSSDPX-1RVD0480	842024019763

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OCZ RevoDrive Series

PCI-Express x4 Solid-State Drive

Specifications:

	RevoDrive 50 - 80GB	RevoDrive 120 - 480GB
PERFORMANCE		
Max Read[1]	up to 540 MB/s	up to 540 MB/s
Max Write[1]	up to 450 MB/s	up to 480 MB/s
Sustained Write[2]	up to 350 MB/s	up to 400 MB/s
4KB Random Write[3]	70,000 IOPS	75,000 IOPS
Seek Time	0.1 ms	0.1 ms
PHYSICAL		
Usable Capacities (IDEMA)	50GB, 80GB, 120GB, 180GB, 240GB, 360GB, 480GB	
NAND Components	Multi-Level Cell (MLC)	
Interface	PCI-Express Gen. 1	
Form Factor	PCI-Express x4 slot	
Controller	2 x SandForce 1222	
Dimensions (L x W x H)	181.07 x 21.59 x 125.08 mm	
Weight	106g (may vary slightly depending on capacity)	
ENVIRONMENTAL		
Power Consumption	Idle: 3 Watts Active: 8 Watts	
Operating Temperature	0°C ~ +70°C	
Storage Temperature	-45°C ~ +85°C	
Shock Resistance	1500G	
Certifications	RoHS, CE, FCC	
RELIABILITY		
MTBF	2 million hours	
ECC Recovery	Up to 24 bytes correctable per 512-byte sector	
COMPATIBILITY		
PCI-Express	Fully compliant with the PCIe Electromechanical Specification Rev. 1.1, and with the PCI-Express Base Specification Rev. 1.1	
Operating System	Windows XP 32/64 Bit; Windows Vista 32/64 Bit; Windows 7 32/64 Bit	
Power Requirements	Powered by the PCI-Express x4 Bus	
ADDITIONAL FEATURES		
Performance Optimization	Onboard RAID 0	
System Integration	Bootable	
Service & Support	3-Year Warranty, Toll-Free Tech Support, 24 Hour Forum Support	

[1] Maximum Sequential Speeds are determined using ATTO
[2] Sustained transfer rate is measured using Iometer 2008, Queue Depth 32, 128KB
[3] Small file I/O performance is measured using Iometer 2008, Queue Depth 32, 4KB Aligned

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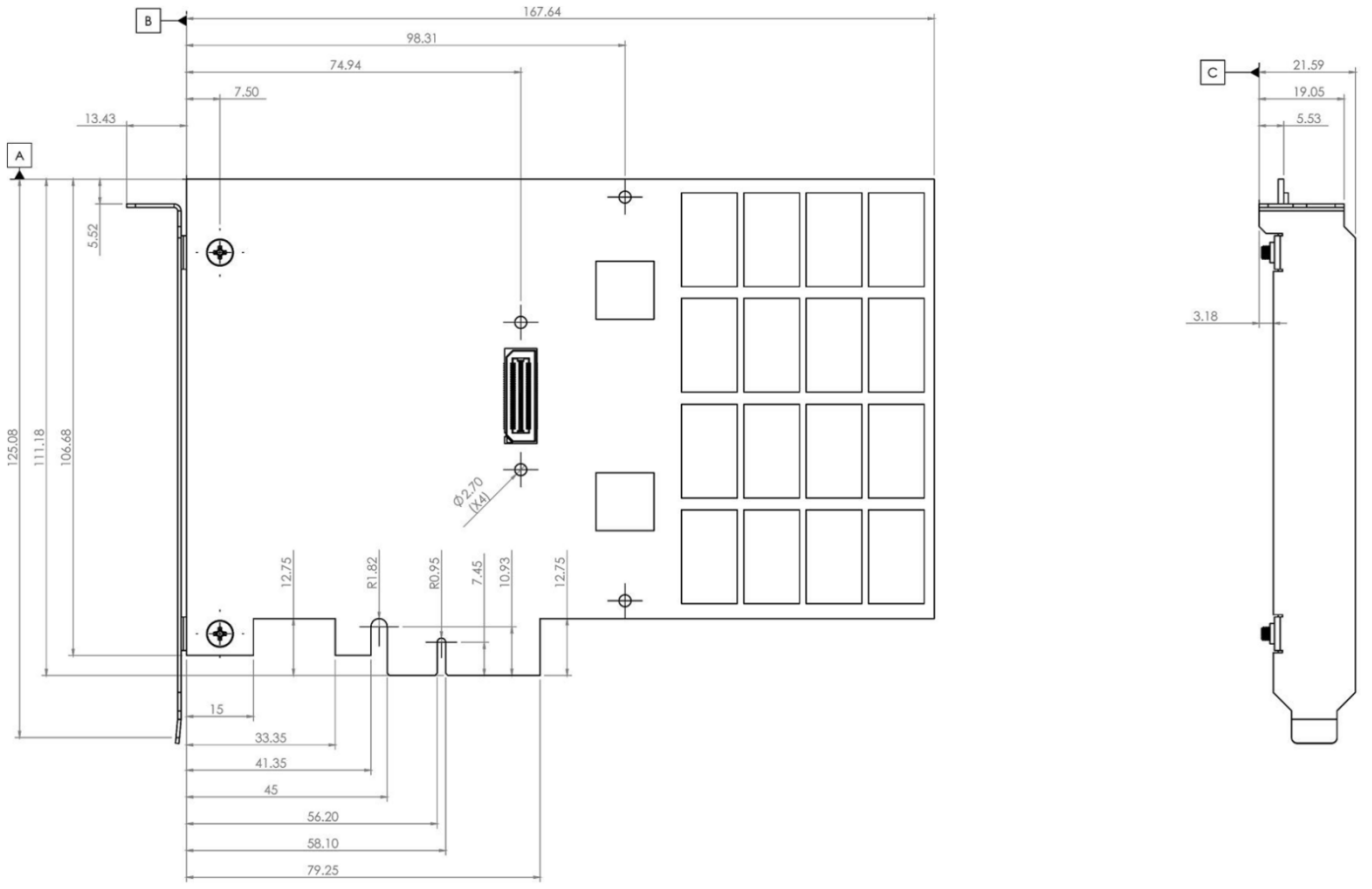
Mechanical Specifications:



NOTE:

1. THIS DRAWING MUST BE USED TO IDENTIFY CRITICAL DIMENSIONS, TOLERANCES AND REFERENCE.
2. INTERPRET DIMENSION AND TOLERANCE PER ANSI 14.5M-1994
3. UNLESS OTHERWISE SEPCIFIED: DIMENSIONS ARE IN MILLIMETERS

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